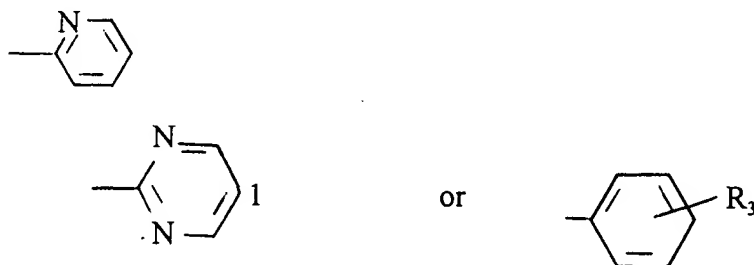


[illegible]

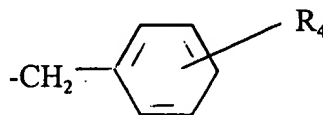
$$\begin{array}{c} \text{X} - \phi \\ \text{Y} - \phi \end{array} \text{A} - (\text{CH}_2)_n - \text{N} \begin{array}{c} \text{R}_2 \\ \text{Z} \begin{array}{c} \text{R}_1 \\ \text{R}_2 \end{array} \end{array}$$

A is oxygen; n is an integer of 1 to 6; X and Y can be the same or different and are hydrogen, halogen, nitro, alkyl or halalkyl, Z is carbon or nitrogen; and  $\phi$  is phenyl, naphthyl, thienyl or pyridinyl.

When Z is carbon, R is hydrogen, cyano, hydroxy, -COOCH<sub>3</sub>, -CH<sub>2</sub>OH or -COOH; R<sub>1</sub> is 4-fluorophenyl, 4-chlorophenyl, 4-trifluoromethyl, 3-trifluoromethyl-4-chlorophenyl 4-bromophenyl), 4-(2-keto-1-benzimidazoliny) or 1-phenyl 1, 3, 8- triazaspiro [4,5] decan-4-one. When Z is nitrogen, R and R<sub>1</sub> combined are

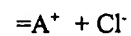
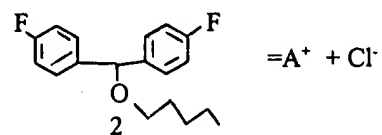
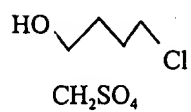
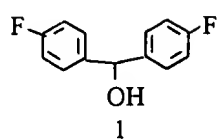


wherein R<sub>3</sub> is halo, alkyl, cyano or nitro and R<sub>2</sub> can be hydrogen or

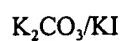
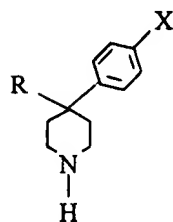


wherein R<sub>4</sub> is halo, alkyl, cyano, nitro, alkynyl or alkenyl.

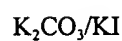
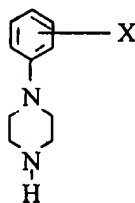
# **Scheme 1**



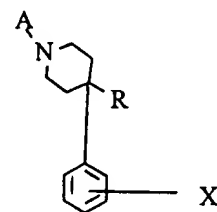
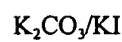
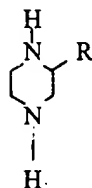
**2**



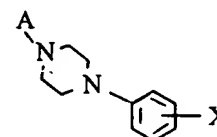
**2**



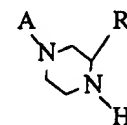
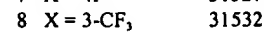
**2**



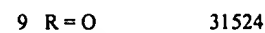
**3A**



**3B**



**3C**



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